

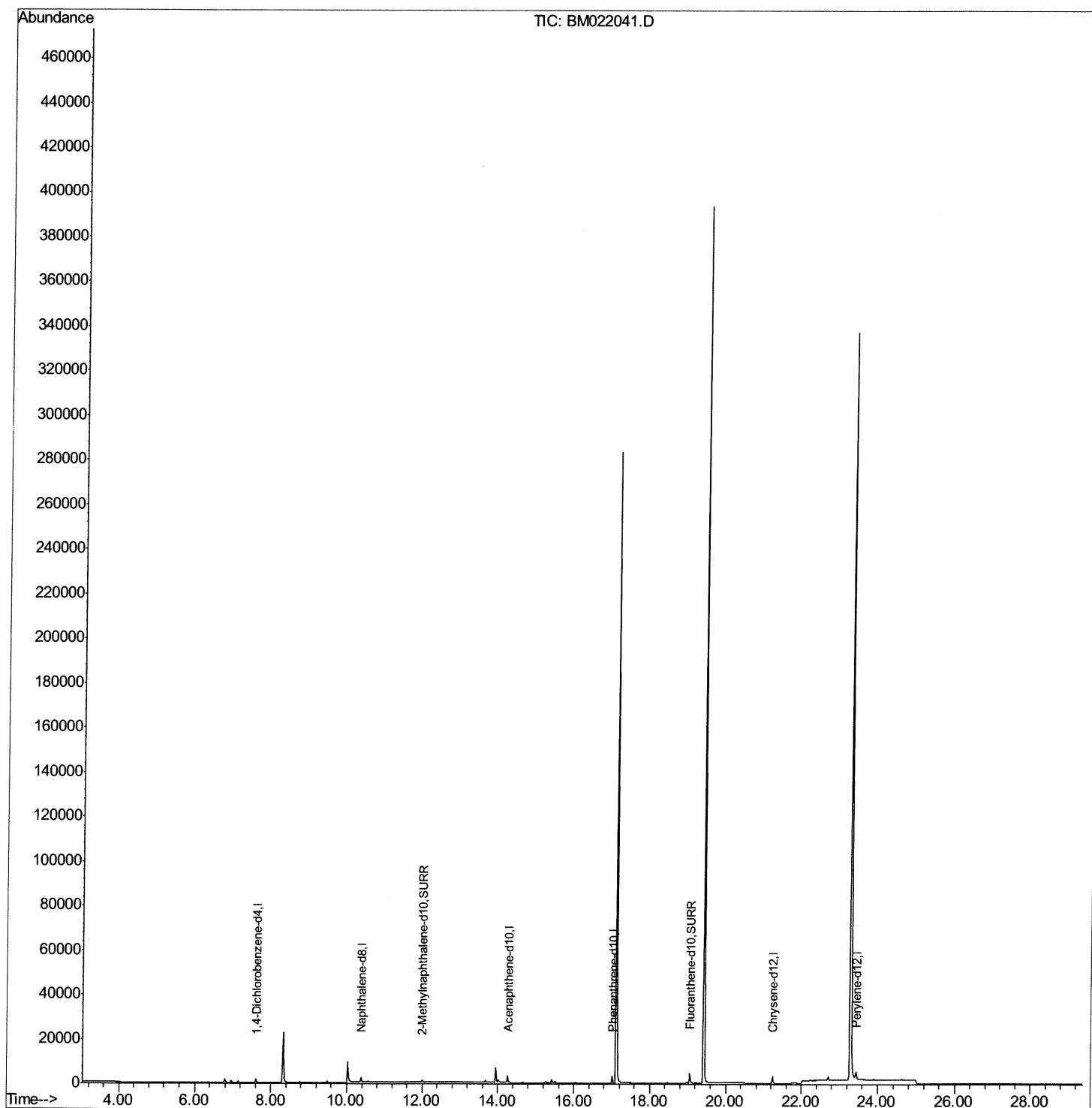
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081219\  
Data File : BM022041.D  
Acq On : 12 Aug 2019 20:47  
Operator : HP/JU  
Sample : K4184-04  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AA1

Manual Integrations  
APPROVED

mohammad  
8/14/2019 2:47:51 AM

Quant Time: Aug 13 08:05:36 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 13 05:22:05 2019  
Response via : Initial Calibration



# Quantitation Report (Qedit)

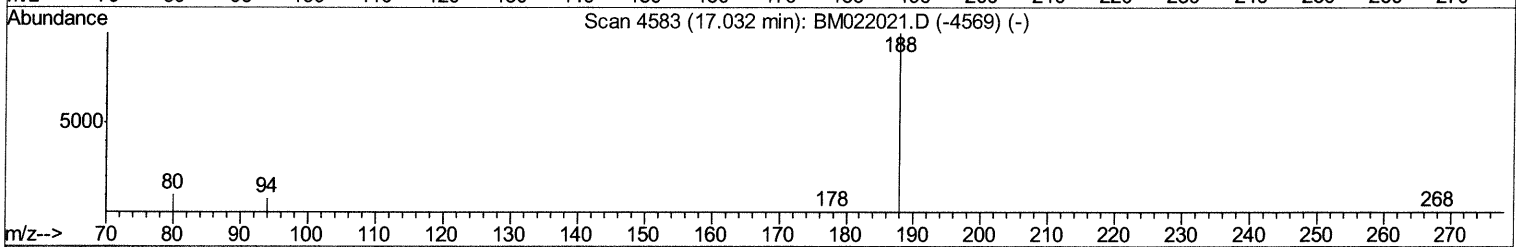
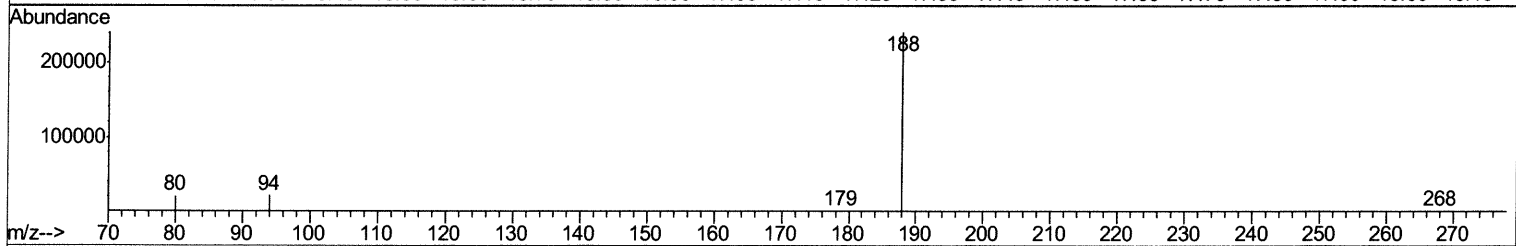
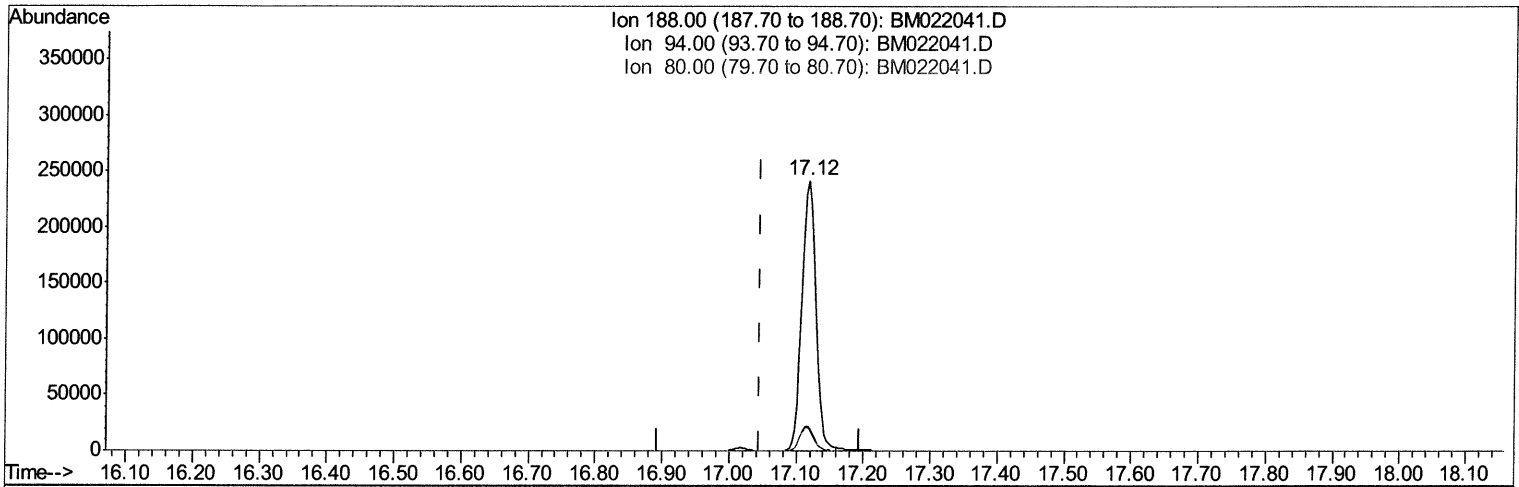
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081219\  
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**ClientSampleId :**  
 C0AA1

**Manual Integrations**  
**APPROVED**

mohammad  
 8/14/2019 2:47:51 AM

Quant Time: Aug 13 08:03:11 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
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TIC: BM022041.D

(10) Phenanthrene-d10 (I)  
 17.117min (+0.073) 0.40ng/ul  
 response 341503

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 10.40 | 8.89  |
| 80.00  | 11.40 | 8.46# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

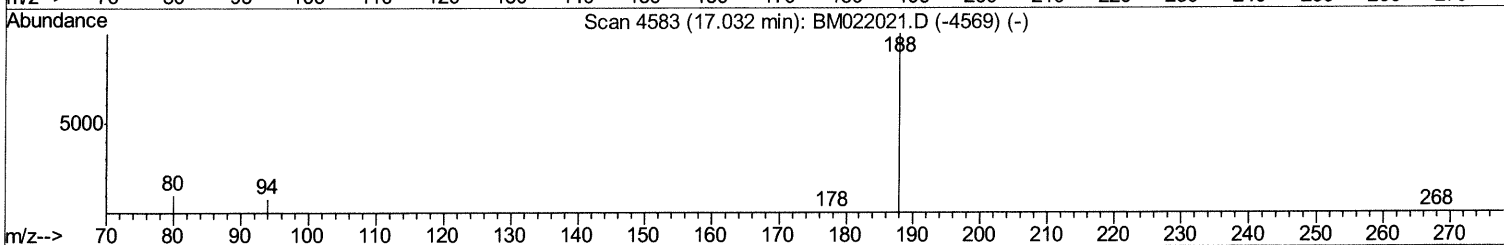
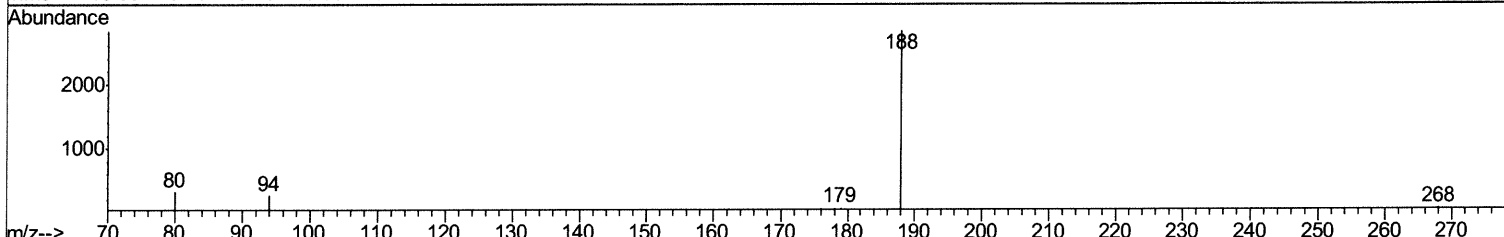
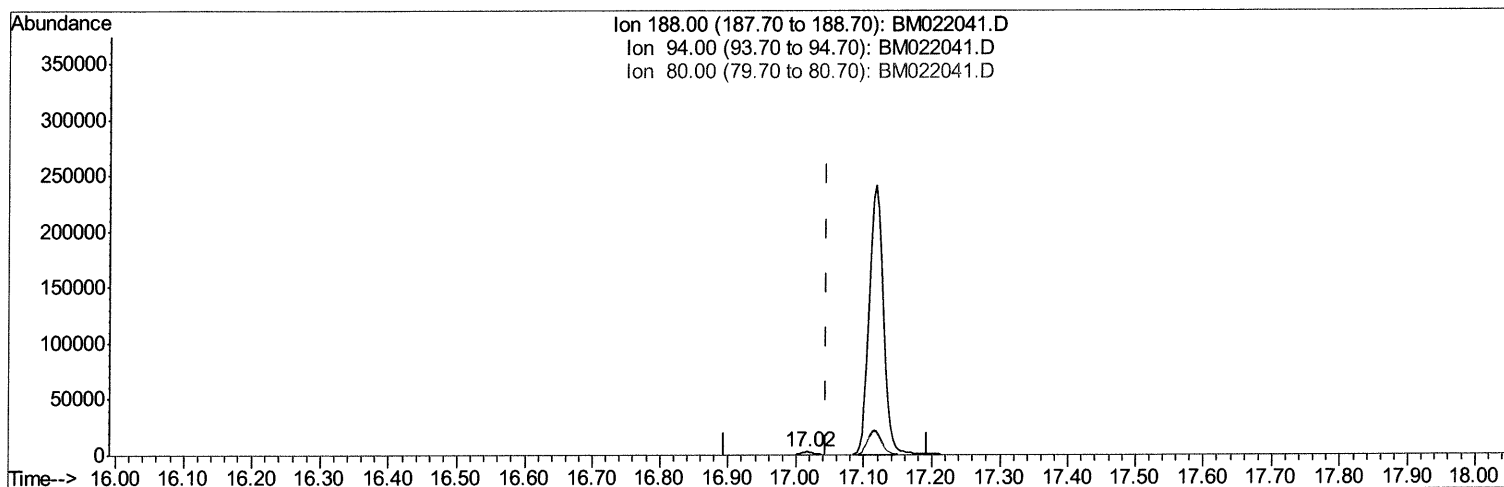
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081219\  
 Data File : BM022041.D  
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 Operator : HP/JU  
 Sample : K4184-04  
 Misc :  
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 ClientSampleId :  
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Manual Integrations  
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mohammad  
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TIC: BM022041.D

(10) Phenanthrene-d10 (I)

17.017min (-0.028) 0.40ng/ul m *JU 8/20/19*

response 3992

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 10.40 | 9.56  |
| 80.00  | 11.40 | 11.50 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

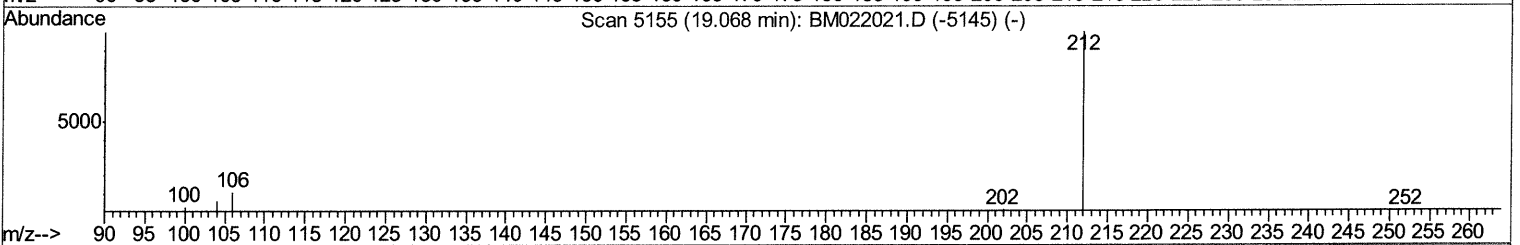
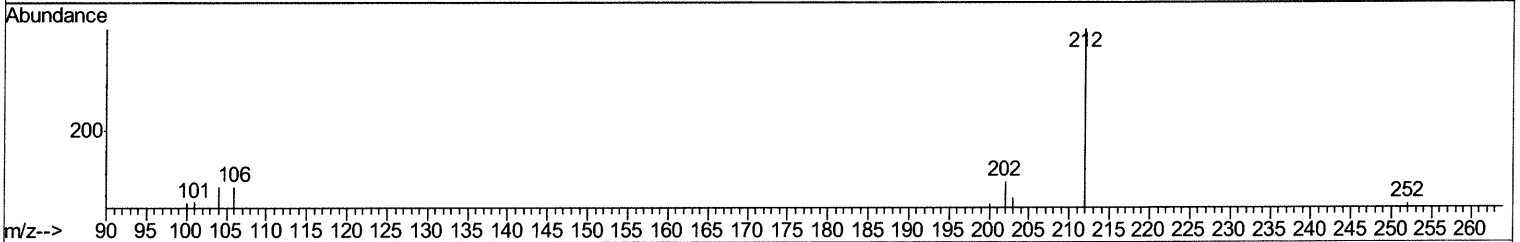
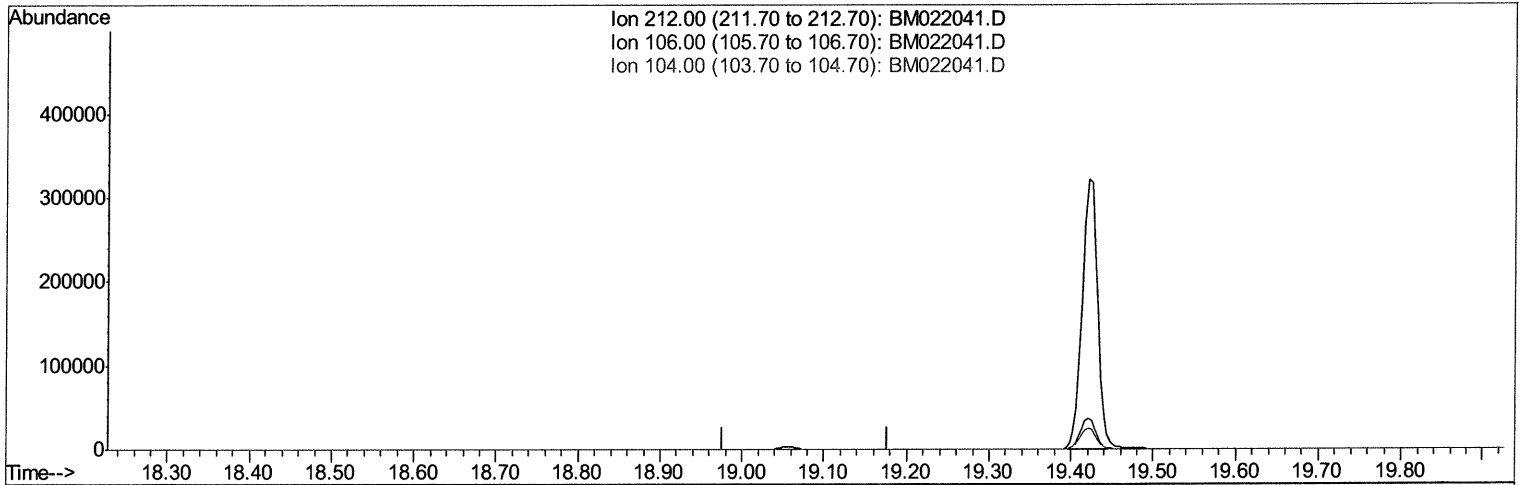
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081219\  
 Data File : BM022041.D  
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 Operator : HP/JU  
 Sample : K4184-04  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AA1

Manual Integrations  
 APPROVED

mohammad  
 8/14/2019 2:47:51 AM

Quant Time: Aug 13 08:03:49 2019  
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TIC: BM022041.D

(14) Fluoranthene-d10 (SURR)

19.077min (-19.077) 0.00ng/ul

response 0

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 212.00 | 100  | 0.00  |
| 106.00 | 9.90 | 0.00# |
| 104.00 | 6.00 | 0.00# |
| 0.00   | 0.00 | 0.00  |

## Quantitation Report (Qedit)

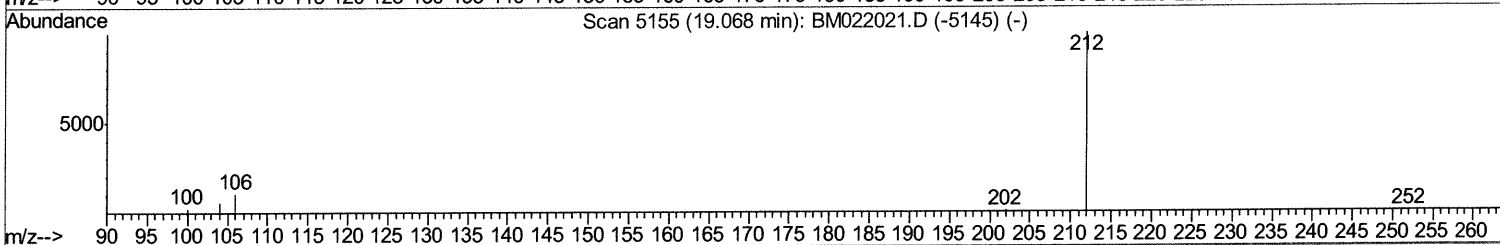
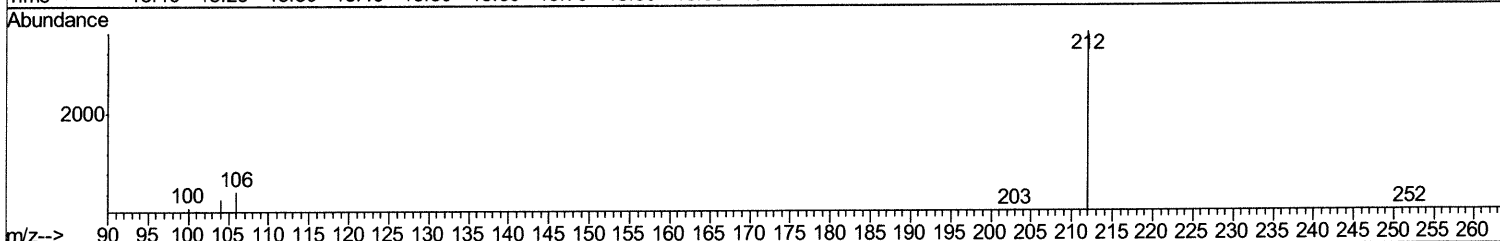
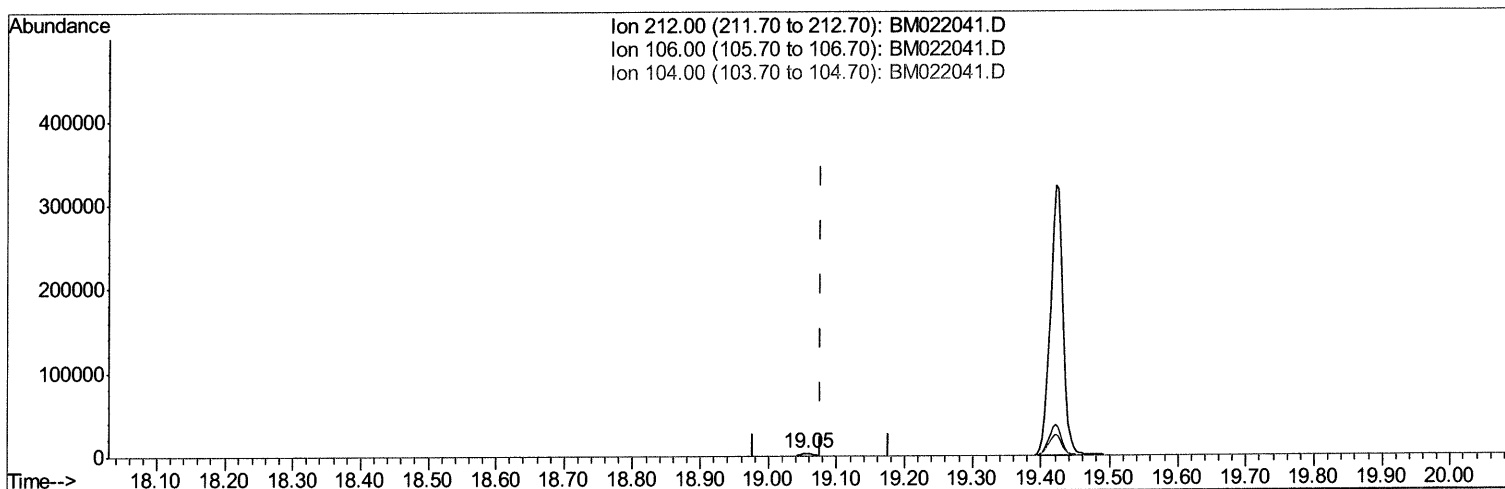
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081219\  
Data File : BM022041.D  
Acq On : 12 Aug 2019 20:47  
Operator : HP/JU  
Sample : K4184-04  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AA1

Manual Integrations  
APPROVED

mohammad  
8/14/2019 2:47:51 AM

Quant Time: Aug 13 08:03:49 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
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TIC: BM022041.D

(14) Fluoranthene-d10 (SURR)

19.055min (-0.023) 0.38ng/ul m

JU  
08/20/19

response 5057

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 212.00 | 100  | 100   |
| 106.00 | 9.90 | 0.00# |
| 104.00 | 6.00 | 0.00# |
| 0.00   | 0.00 | 0.00  |

# Quantitation Report (Qedit)

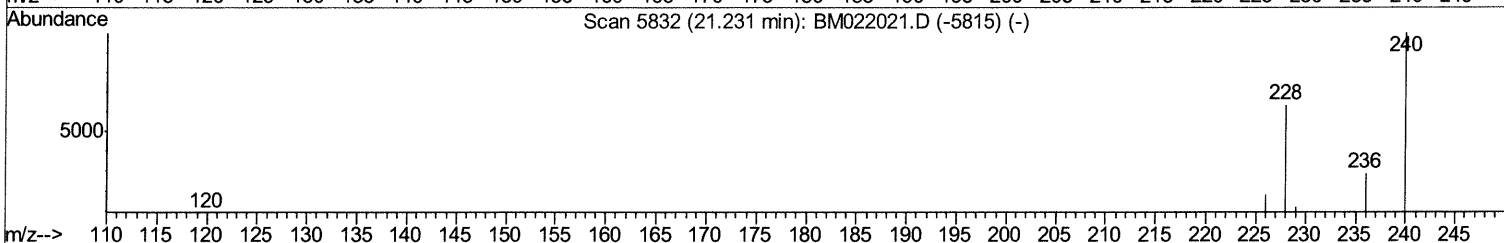
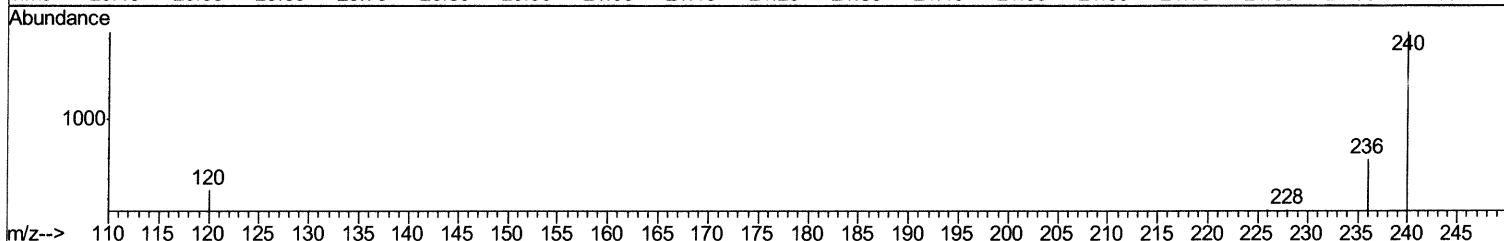
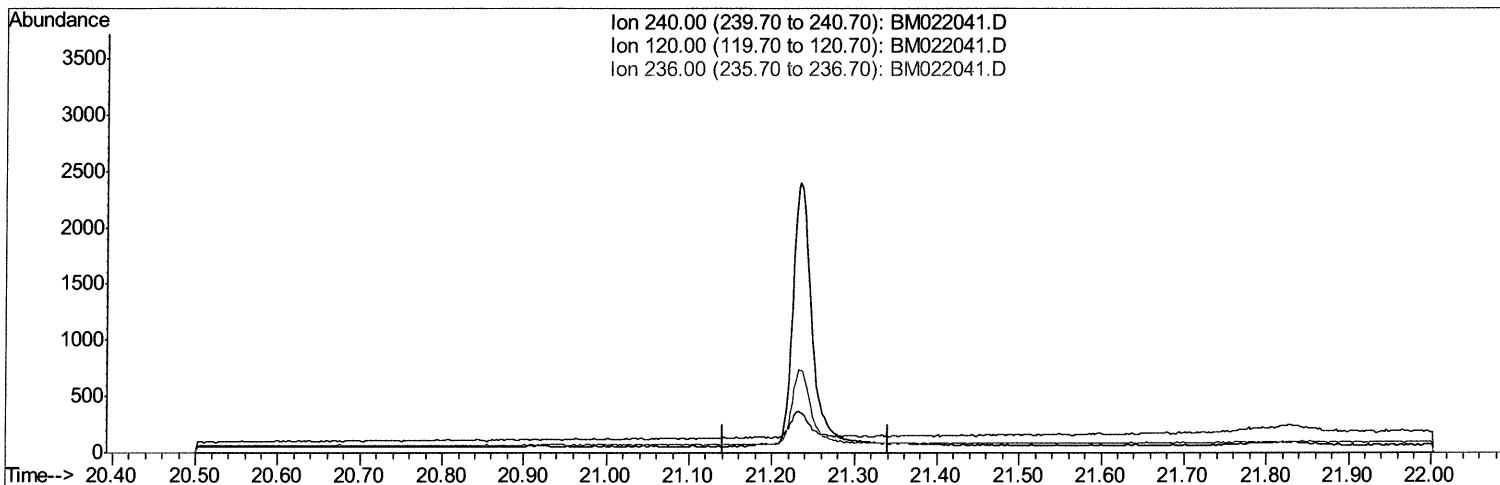
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081219\  
 Data File : BM022041.D  
 Acq On : 12 Aug 2019 20:47  
 Operator : HP/JU  
 Sample : K4184-04  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AA1

Manual Integrations  
 APPROVED

mohammad  
 8/14/2019 2:47:51 AM

Quant Time: Aug 13 08:03:49 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
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TIC: BM022041.D

(16) Chrysene-d12 (I)

21.241min (-21.241) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 0.00  |
| 120.00 | 16.20 | 0.00# |
| 236.00 | 32.30 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

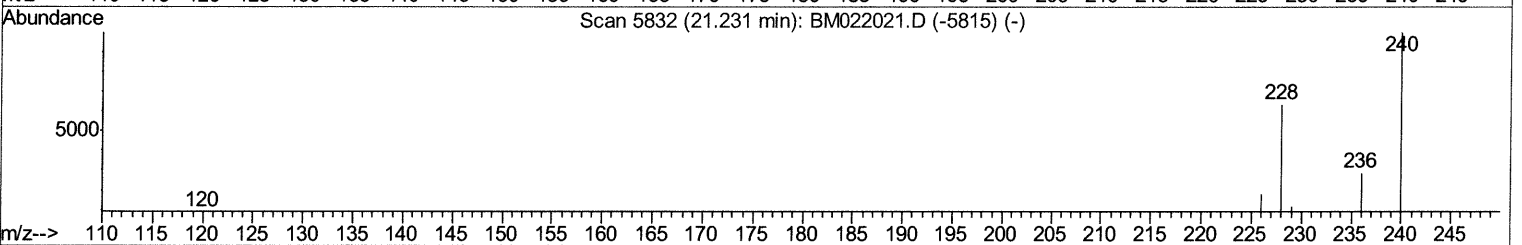
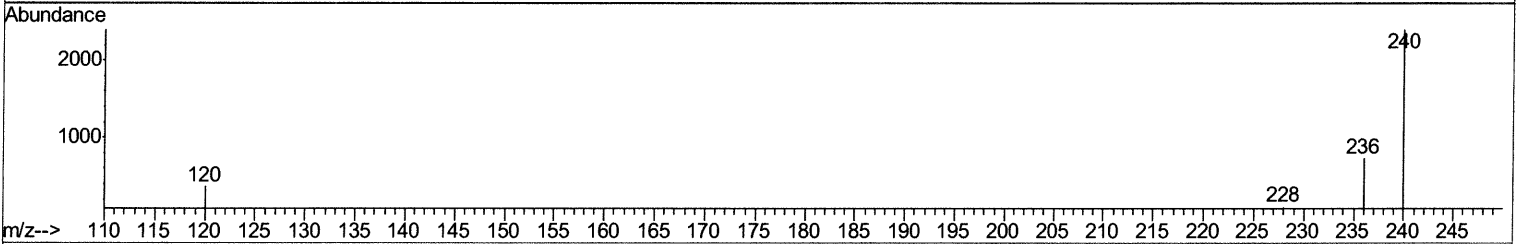
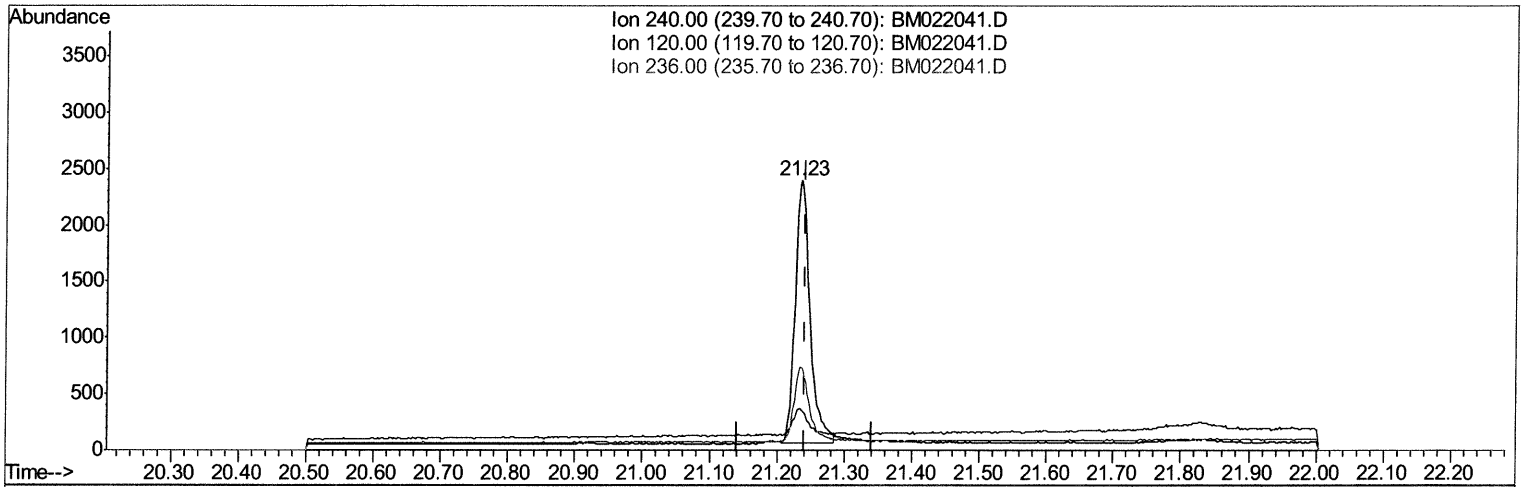
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081219\  
 Data File : BM022041.D  
 Acq On : 12 Aug 2019 20:47  
 Operator : HP/JU  
 Sample : K4184-04  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AA1

Manual Integrations  
 APPROVED

mohammad  
 8/14/2019 2:47:51 AM

Quant Time: Aug 13 08:03:49 2019  
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TIC: BM022041.D

(16) Chrysene-d12 (I)

21.234min (-0.007) 0.40ng/ul m *JU 08/20/19*

response 3599

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 16.20 | 15.22 |
| 236.00 | 32.30 | 30.57 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

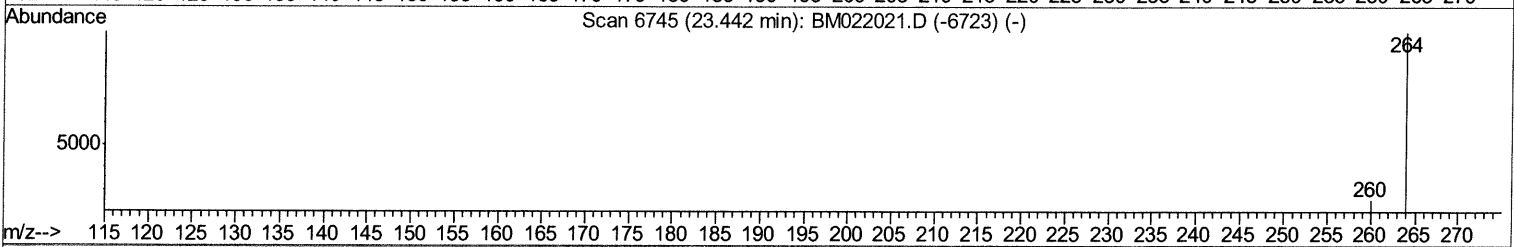
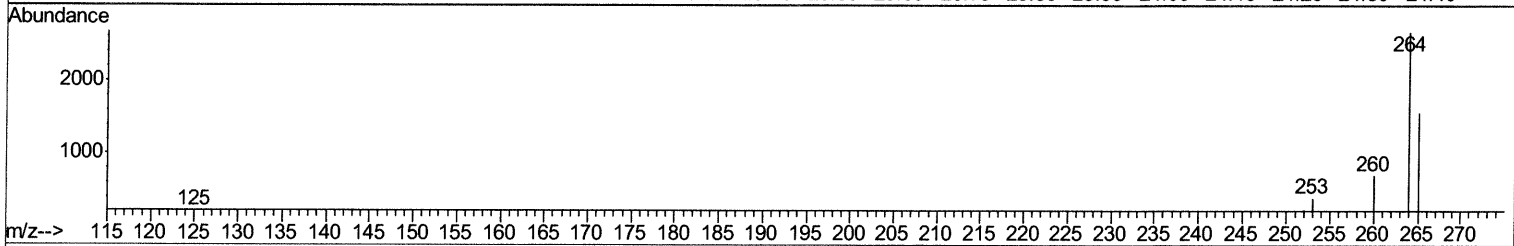
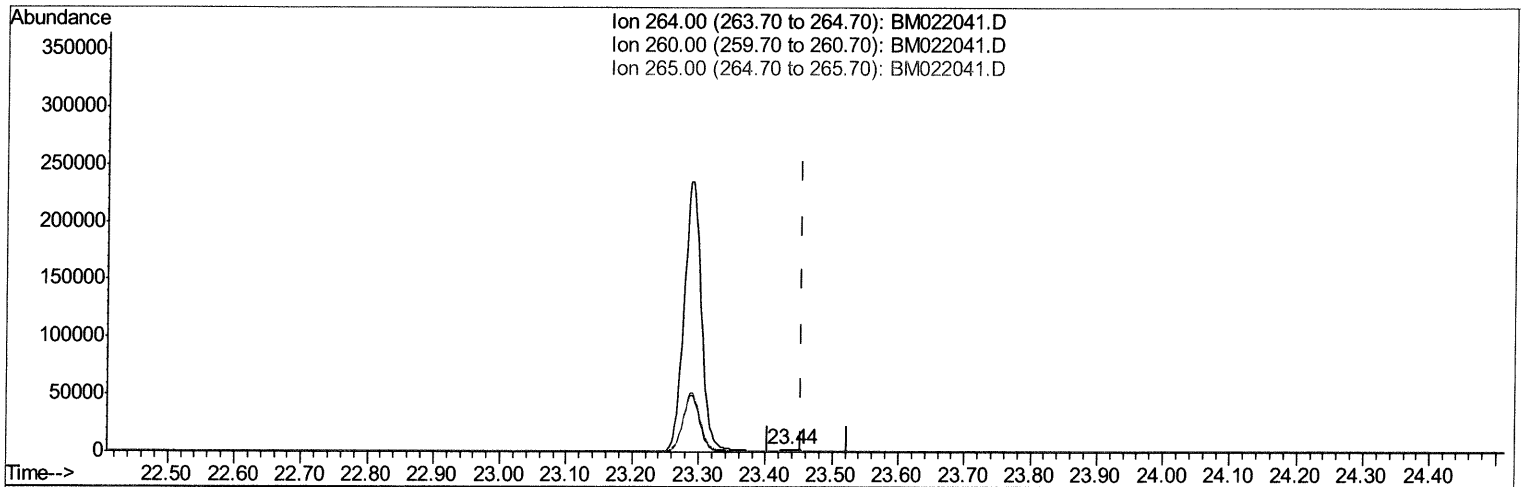
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081219\  
 Data File : BM022041.D  
 Acq On : 12 Aug 2019 20:47  
 Operator : HP/JU  
 Sample : K4184-04  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AA1

Manual Integrations  
 APPROVED

mohammad  
 8/14/2019 2:47:51 AM

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TIC: BM022041.D

(20) Perylene-d12 (I)

23.438min (-0.016) 0.40ng/ul

response 4889

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 27.50  | 26.08  |
| 265.00 | 117.00 | 58.62# |
| 0.00   | 0.00   | 0.00   |

## Quantitation Report (Qedit)

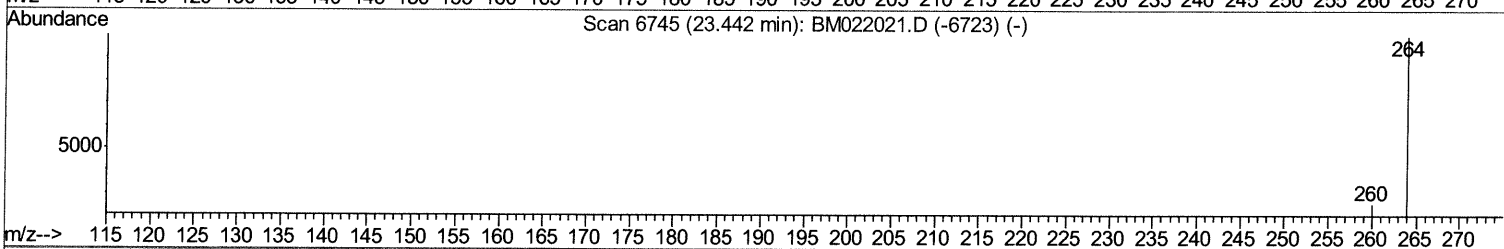
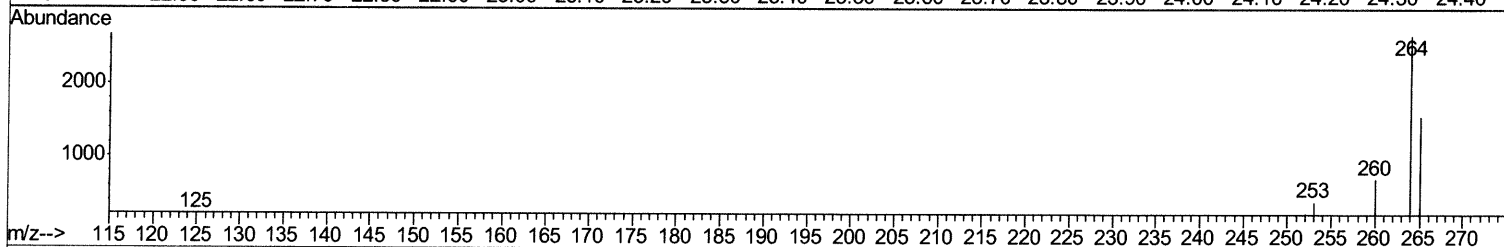
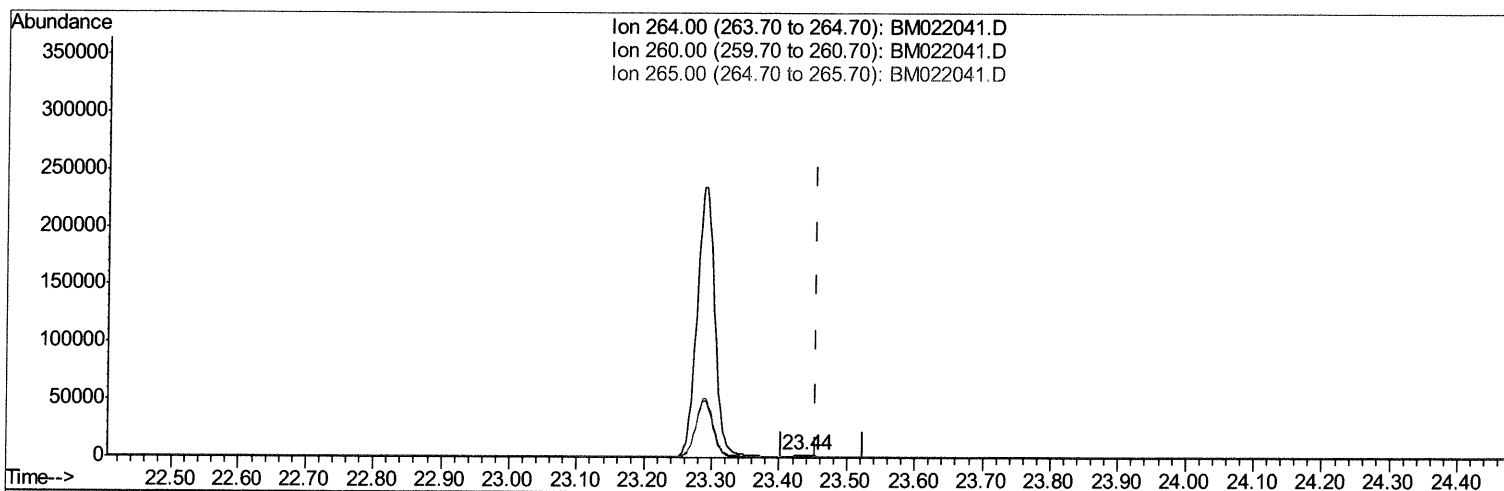
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081219\  
Data File : BM022041.D  
Acq On : 12 Aug 2019 20:47  
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Sample : K4184-04  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AA1

Manual Integrations  
APPROVED

mohammad  
8/14/2019 2:47:51 AM

Quant Time: Aug 13 08:04:37 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
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TIC: BM022041.D

(20) Perylene-d12 (I)

23.438min (-0.016) 0.40ng/ul m *JU 08/20/19*

response 3221

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 27.50  | 26.08  |
| 265.00 | 117.00 | 58.62# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081219\  
 Data File : BM022041.D  
 Acq On : 12 Aug 2019 20:47  
 Operator : HP/JU  
 Sample : K4184-04  
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 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
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 C0AA1

Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.61  | 152  | 841      | 0.40 | ng/ul | -0.02    |
| 2) Naphthalene-d8         | 10.38 | 136  | 3323     | 0.40 | ng/ul | -0.03    |
| 6) Acenaphthene-d10       | 14.26 | 164  | 1747     | 0.40 | ng/ul | -0.02    |
| 10) Phenanthrene-d10      | 17.02 | 188  | 3992m →  | 0.40 | ng/ul | -0.03    |
| 16) Chrysene-d12          | 21.23 | 240  | 3599m →  | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.44 | 264  | 3221m →  | 0.40 | ng/ul | -0.02    |

## System Monitoring Compounds

|                            |       |     |         |      |       |       |
|----------------------------|-------|-----|---------|------|-------|-------|
| 4) 2-Methylnaphthalene-d10 | 12.00 | 152 | 2010    | 0.37 | ng/ul | -0.02 |
| 14) Fluoranthene-d10       | 19.05 | 212 | 5057m → | 0.38 | ng/ul | -0.02 |

| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

(#) = qualifier out of range (m) = manual integration (+) = signals summed